



## **Spinner Assembled with Hard Disk Motor Used in Process Steps of PLEDs Devices**

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A portable "spinner" in this work is proposed using hard disk (HD) motor and power supply (the same used in personal micro computers) used in the processes steps of PLEDs devices. During the rotation experiments for PLEDs mounting, a double-sided tape was used to hold the sample on the motor axis and the default rotation time used was 35 seconds (determined by electronic circuit of HD). This "spinner" using the HD motor presented excellent results if compared by traditional spinner. It can be used as simple alternative with low cost if compared with expansive cost of traditional spinner.